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ABSTRACT

Data regarding the utilization of instructional space, including laboratories and physical education rooms, are reported in three sections--(1) space utilization by resident day classes only as of Fall 1968, (2) space utilization by resident evening classes only as of Fall 1968, and (3) a comparison of the Fall 1967 and Fall 1968 data for resident day classes. The analyses are based on quantitative data only and are not concerned with the quality of instructional space. (FS)

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UTILIZATION OF INSTRUCTIONAL SPACE

state-controlled
colleges and universities
1968-69

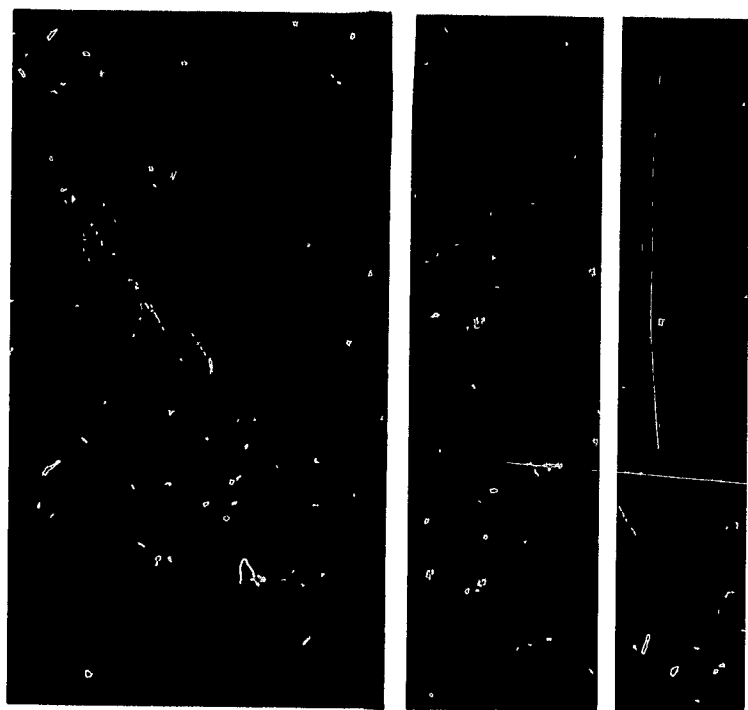
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September, 1969

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INSTITUTIONS INCLUDED IN THIS REPORT

Four-Year Colleges and Universities

George Mason College, Fairfax
Longwood College, Farmville
Madison College, Harrisonburg
Mary Washington College, Fredericksburg
Norfolk State College, Norfolk^a
Old Dominion College, Norfolk
Radford College, Radford
University of Virginia, Charlottesville
Virginia Commonwealth University, Richmond^b
Virginia Military Institute, Lexington
Virginia Polytechnic Institute, Blacksburg
Virginia State College, Petersburg
William and Mary, Williamsburg

Two-Year Colleges

Divisions of the State Department of Community Colleges

Blue Ridge Community College, Weyers Cave
Central Virginia Community College, Lynchburg
Dabney S. Lancaster Community College, Clifton Forge
Danville Community College, Danville
Frederick Community College, Portsmouth
John Tyler Community College, Chester
Northern Virginia Community College, Annandale
Southwest Virginia Community College, Richlands
Thomas Nelson Community College, Hampton
Virginia Western Community College, Roanoke
Wytheville Community College, Wytheville

Institutions Affiliated with the University of Virginia

Clinch Valley College, Wise^c
Eastern Shore Branch, Wallops Island
Patrick Henry College, Martinsville

Institutions Affiliated with William and Mary

Christopher Newport College, Newport News
Richard Bland College, Petersburg

^aThe name of Virginia State College, Norfolk was changed to Norfolk State College on February 1, 1969.

^bOn July 1, 1968, Medical College of Virginia and Richmond Professional Institute were combined to form Virginia Commonwealth University.

^cClinch Valley College is in transition to a four-year status; third-year courses were offered during the 1968-69 academic year.

INTRODUCTION

As part of a comprehensive planning study funded by the Division of College Facilities of the U. S. Office of Education, the State Council of Higher Education for Virginia conducted during the fiscal year ending June 30, 1969, a comprehensive study of higher education facilities in Virginia. Designed to provide information relating to existing facilities as of the Fall 1968, the study provides data useful in forecasting future construction needs for higher education in Virginia.

An analysis of the utilization of existing space is a basic factor in the determination of long-range physical facilities needs. Such a study can provide insightful data on the use of existing facilities which may be of assistance to institutions in obtaining greater utilization in future years. Moreover, a study of this nature is essential to the review of space utilization standards established as guides for determining future construction needs to meet anticipated increases in enrollment in higher education in Virginia.

A State Council of Higher Education report, published in December, 1968, entitled Utilization of Instructional Space at Virginia's Colleges presented comprehensive summary analyses in separate tables for three types of instructional space, those being classrooms, laboratories and physical education rooms. Reflecting the utilization of existing facilities as of the Fall 1967, the data from that report appear in Section III of this report for purposes of comparison.

This report of the utilization of classrooms, laboratories and physical education rooms represents only one of the facility planning activities conducted by the State Council with support from the U. S. Office of Education grant.

SCOPE OF REPORT

The data which appear in this report were obtained from a study of the physical plants and the regularly scheduled resident classes taught at the state-controlled colleges and universities in Virginia. Excluded from the study are data on leased or rented facilities and resident class instruction conducted in these non-state owned facilities. The Health Sciences Division of Virginia Commonwealth University, the Departments of Marine Science and Medical Instruction and related facilities at the University of Virginia, the School of Marine Science at William and Mary, and the Virginia Associated Research Center have also been excluded from the study.

This report reflects the utilization of instructional space for classrooms, laboratories, and physical education space only. Therefore, for the purposes of this study, those scheduled classes held in facilities not classified as one of these instructional spaces have been omitted. Utilization of other instructional space, such as special class laboratories, faculty offices, and instructional service areas have been excluded from these analyses.

The data appearing in this report indicate the utilization of instructional space in three classifications by both the resident day classes taught and the resident evening classes taught. The time period has been divided into ten 50-minute periods with 10-minute intervals between periods. The evening time period has been divided into six 50-minute periods with 10-minute intervals between classes. This division provides a common daytime basis for comparison of data and indicates the degree of evening usage of space in all of the institutions. Where necessary, appropriate adjustments have been made in the data to equate them to 50-minute periods.

The total instructional space included in this report is 2,386,372 assignable square feet and is divided into the areas of classrooms, laboratories, and physical education rooms. The total instructional classroom space analyzed in this report is 987,727 assignable square feet. This figure represents 26.3 per cent of the total instructional space and 15.6 per cent of the total educational and general space in the state-controlled institutions in Virginia.

The 903,296 assignable square feet of instructional laboratory space considered in this report is 24.1 per cent of the total instructional space and 14.2 per cent of the total education and general space.

For physical education instructional space, the 495,349 assignable square feet constitutes 13.2 per cent of the total instructional space and 7.8 per cent of the total educational and general space.

The analyses that appear in this report are based on quantitative data only and do not reflect the quality of instructional space in any of the three classifications.

This report is divided into three sections. The first section presents data relating to the utilization of instructional space by resident day classes only. The second section presents data relating to the utilization of resident evening classes only. The third section compares figures on resident day classes for Fall 1967 and Fall 1968.

DEFINITIONS OF TERMS

Period--A unit of time approximating one hour during which time a class would be assembled. For the purposes of this study, a normal class period consisted of 50 minutes of instruction with an allowance of 10 minutes for changing classes. A scheduled class meeting of two consecutive hours, or a total of 110 minutes, was considered as two class periods. Classes meeting in other time patterns were included in this study as proportional parts of the standard 50-minute period. For example, a class meeting scheduled for 75 minutes has been included in this study as 1.5 class periods.

Room-Period Use--The number of periods (usually interpreted as hours) that a room is occupied by a class. A room, for the purposes of this report, was considered in use whenever a regularly scheduled class was held in it regardless of the relationship of the seating capacity of the room to the student enrollment of the class.

Average Room-Period Use Per Week--An average determined by dividing the total number of room-periods scheduled per week by the total number of rooms.

Student Station--The area used to accommodate one student for one period of instruction. It is normally considered to be the area occupied by a desk, chair, laboratory table, or other suitable furnishing.

Student-Station-Periods Occupied--The number of student stations that are occupied in a given time period. For example, the occupancy of one student station for one room-period would represent one student-station-period occupied.

DEFINITIONS (Continued)

Average Student-Station-Periods Per Station Per Week--The average number of room-periods that a student station is used per week as obtained by dividing the total student-station-periods by the total number of student stations.

Per Cent of Station Use Per Week When Rooms in Use--A measure of how nearly the total student stations in a room are filled only during those periods that regularly scheduled classes are held in the room. Those periods when rooms are not used are disregarded in obtaining this computation.

Class Enrollment--The number of students enrolled in a class. This figure includes all students who require accommodations in the place where the class met, whether they are enrolled for credit or as auditors. Further, the total group of students meeting in the same room and at the same time have been considered as a single class, irrespective of the courses in which they are enrolled.

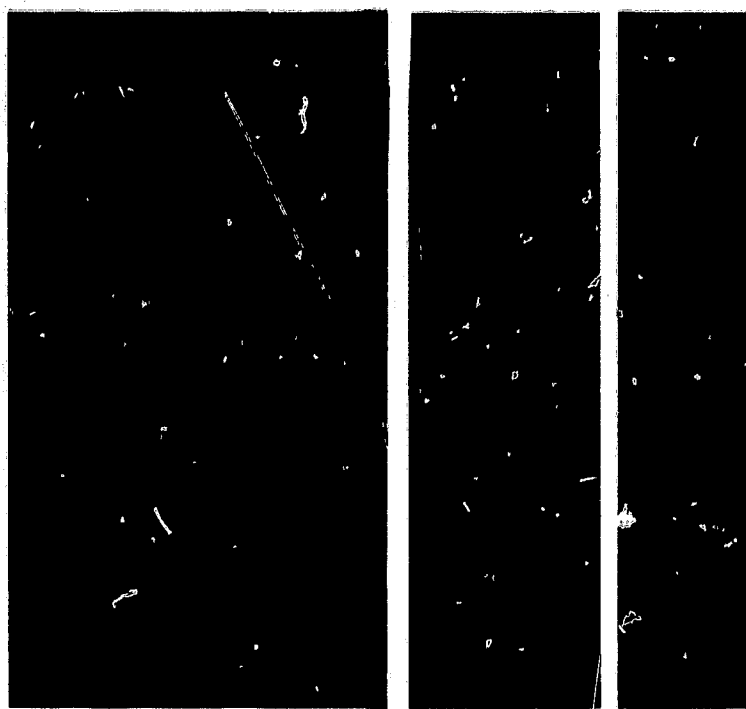
Classroom--A room used by classes which do not require special purpose equipment for student use. Included in this category are rooms generally referred to as lecture rooms, seminar rooms, lecture-demonstration rooms, and general purpose classrooms.

Laboratory--A room used by regularly scheduled classes which require special-purpose equipment for student participation, experimentation, observation, or practice in a field of study. Also includes rooms equipped with laboratory-type equipment and used for research purposes.

Athletic-Physical Education Facilities--A room (or area) used by students, staff, or the public for athletic activities. Included in this category are gymnasiums, basketball courts, handball courts, squash courts, wrestling rooms, swimming pools, ice rinks, indoor "fields," etc.

The tables which appear in this section present a summary of room-period and student-station-period utilization of instructional space for classrooms, laboratories and physical education rooms. The data presented in these tables relate to regularly scheduled resident day classes only (7 a.m. to 5 p.m.) and were derived from two sources of information. Initially, information concerning such items as room number, functional use, room type, square footage, and number of stations for each room at each institution was obtained in a room-by-room inventory for the fall semester or quarter. Secondly, information relating to items such as course number, credit value, enrollment, days of the week, hours of the day, building and room number of each regularly scheduled resident class taught for the fall semester or quarter 1968 was obtained from each institution as a part of the State Council's data collection system. By cross referencing these basic sources, information on student-station occupancy and room-period use by room was obtained.

**SUMMARY UTILIZATION TABLES OF
CLASSROOMS, LABORATORIES, AND
PHYSICAL EDUCATION ROOMS—
DAY CLASSES ONLY**



An institution-by-institution analysis of classroom utilization of resident day classes taught at Virginia's state-controlled colleges and universities is presented in Table 1. The third column of Table 1 shows the average room-period use per week for each institution. It can be seen from that column that institutional daytime utilization ranged from a low of 6.2 periods at Eastern Shore Branch to a high of 40.6 periods at Virginia Western Community College. In other words, Eastern Shore Branch used their classrooms, on the average, 6.2 hours a week while Virginia Western Community College used their classrooms 40.6 hours a week. The average for all institutions is 22.7 periods per week from 7 a.m. to 5 p.m.

Column six presents average student-station-period use per station per week. The range in average student-station-periods per station per week is from a low of 5.0 at Eastern Shore Branch to a high of 29.5 at Virginia Western Community College. The average for all institutions is 13.3 student-station-periods per station per week.

The per cent of station use per week when rooms are in use is shown in column seven of Table 1. The hours when rooms are not used are disregarded in this calculation. The range here is from a low of 28.1 per cent at Richard Bland College to a high of 80.6 per cent at Eastern Shore Branch and the average for all institutions is 58.6 per cent.

The student-station-periods occupied per week per full-time-equivalent student (column eight) is a statistic that represents the average number of hours per week that a student who is carrying a full load (15 semester hours represents one FTE student) will occupy a seat in a classroom. This figure is obtained by dividing the total student-station-periods occupied per week by the "day" FTE students. The average for all institutions is 12.3 periods. Examination of the data will show that student-station-period use per FTE student varies from 15 (the number of semester hours for a FTE student) for each institution. This is explained by the fact that students spend a certain amount of their in-class time in rooms other than those classified as classrooms.

The last column of Table 1 presents the square feet per student-station-period occupied. It is derived by dividing the total square feet of instructional classroom space by the total student-station-periods occupied per week. The average for all institutions is 1.3 square feet.

**TABLE 1 - SUMMARY OF CLASSROOM UTILIZATION
(DAY CLASSES ONLY)**

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------------------------------|-----------------|----------------------------------|----------------------------------|----------------------------|---|--|---|---|---|
| Institution | Number of Rooms | Total Room-Periods Used Per Week | Average Room-Period Use Per Week | Number of Student Stations | Total Student-Station-Periods Occupied Per Week | Average Student-Station-Periods Per Station Per Week | Per Cent of Station Use Per Week When Room in Use | Student-Station-Periods Occupied Per Week Per FTE Student | Square Feet Per Student-Station-Period Occupied |
| 4-Yr. Col. & Univ.: | | | | | | | | | |
| Geo. Mason | 24 | 815 | 34.0 | 990 | 19,309 | 19.5 | 57.4 | 14.2 | 0.7 |
| Longwood | 65 | 1,088 | 16.7 | 2,072 | 24,583 | 11.9 | 71.3 | 13.5 | 1.6 |
| Madison | 64 | 1,409 | 22.0 | 2,449 | 35,812 | 14.6 | 66.4 | 10.8 | 1.3 |
| MWC | 65 | 1,885 | 29.0 | 2,442 | 30,407 | 12.5 | 43.1 | 14.1 | 1.4 |
| Norfolk State | 87 | 2,274 | 26.1 | 3,499 | 47,431 | 13.6 | 52.1 | 14.6 | 1.2 |
| Old Dominion | 99 | 2,495 | 25.2 | 4,063 | 67,429 | 16.6 | 65.9 | 12.6 | 1.0 |
| Radford | 77 | 1,611 | 20.9 | 2,621 | 39,940 | 15.2 | 72.7 | 11.9 | 1.3 |
| U. Va. | 171 | 3,581 | 20.9 | 8,625 | 96,899 | 11.2 | 53.6 | 11.4 | 1.4 |
| VCU | 89 | 2,069 | 23.2 | 3,579 | 55,096 | 15.4 | 66.4 | 10.8 | 1.0 |
| VMI | 80 | 1,020 | 12.8 | 3,597 | 19,325 | 5.4 | 42.2 | 13.8 | 3.3 |
| VPI | 155 | 4,108 | 26.5 | 6,861 | 135,306 | 19.7 | 74.3 | 12.5 | 0.8 |
| Va. State | 76 | 1,227 | 16.1 | 3,308 | 25,867 | 7.8 | 48.4 | 11.1 | 2.1 |
| Wm. & Mary | 96 | 1,870 | 19.5 | 4,776 | 43,028 | 9.0 | 46.2 | 10.8 | 1.8 |
| 4-Yr. Col. & Univ. | 1,148 | 25,452 | 22.2 | 48,882 | 640,432 | 13.1 | 59.0 | 12.1 | 1.3 |
| Community Col.: | | | | | | | | | |
| Blue Ridge CC | 14 | 360 | 25.7 | 509 | 10,547 | 20.7 | 80.5 | 16.4 | 0.9 |
| Central Va. CC | 12 | 290 | 24.2 | 374 | 5,993 | 16.0 | 66.1 | 10.1 | 1.1 |
| D. Lancaster CC | 5 | 168 | 33.6 | 199 | 2,764 | 13.9 | 41.4 | 10.8 | 1.3 |
| Danville CC | 30 | 432 | 14.4 | 1,033 | 10,661 | 10.3 | 71.5 | 12.0 | 2.1 |
| Frederick CC | 26 | 410 | 15.8 | 598 | 4,992 | 8.3 | 52.8 | 10.9 | 3.3 |
| John Tyler CC | 22 | 659 | 30.0 | 719 | 15,484 | 21.5 | 71.7 | 14.7 | 0.9 |
| Northern Va. CC | 18 | 616 | 34.2 | 778 | 16,209 | 20.8 | 60.8 | 12.7 | 0.8 |
| Southwest Va. CC | 12 | 412 | 34.3 | 347 | 7,654 | 22.1 | 64.4 | 13.4 | 0.9 |
| T. Nelson CC | 15 | 417 | 27.8 | 479 | 9,124 | 19.0 | 68.3 | 10.7 | 1.1 |
| Va. Western CC | 16 | 649 | 40.6 | 485 | 14,287 | 29.5 | 72.7 | 13.3 | 0.6 |
| Wytheville CC | 8 | 208 | 26.0 | 402 | 5,589 | 13.9 | 53.5 | 14.9 | 1.0 |
| Community Col. | 178 | 4,621 | 26.0 | 5,923 | 103,304 | 17.4 | 67.0 | 12.9 | 1.1 |
| 2-Yr. Branch Col.: | | | | | | | | | |
| C. Newport | 20 | 338 | 16.9 | 1,087 | 7,991 | 7.4 | 43.8 | 17.2 | 2.2 |
| Cl. Valley | 15 | 560 | 37.3 | 668 | 8,586 | 12.9 | 34.6 | 13.8 | 1.3 |
| E. Shore | 14 | 87 | 6.2 | 244 | 1,217 | 5.0 | 80.6 | 16.9 | 3.1 |
| Pat. Henry | 5 | 146 | 29.2 | 177 | 1,896 | 10.7 | 36.6 | 15.9 | 1.7 |
| R. Bland | 22 | 595 | 27.0 | 896 | 6,827 | 7.6 | 28.1 | 16.1 | 2.5 |
| 2-Yr. Branch Col. | 76 | 1,726 | 22.7 | 3,072 | 26,517 | 8.6 | 37.9 | 15.8 | 2.0 |
| All Institutions | 1,402 | 31,799 | 22.7 | 57,877 | 770,253 | 13.3 | 58.6 | 12.3 | 1.3 |

Table 2 presents an institution-by-institution analysis of the utilization of instructional laboratories at the state-controlled colleges and universities in Virginia. Examination of the data appearing in Table 2 reveals that instructional laboratories are not scheduled as heavily as classrooms. This is not unusual since such space has special equipment for use by the department to which it is assigned and thereby the laboratory may not be physically suited for other purposes.

The average room-period use is presented in the third column of Table 2. The average for all state-controlled institutions is 9.0 periods per week of room usage during the fall semester or quarter 1968. The individual institutions ranged from a low of 2.0 hours a week of laboratory usage at Eastern Shore Branch to a high of 30.9 hours a week at Northern Virginia Community College during that session.

From the sixth column of Table 2, it can be seen that the range in the average student-station-periods per station per week is from a low of 2.1 at Eastern Shore Branch to a high of 24.2 at Northern Virginia Community College. The average for all 29 institutions is 9.9 student-station-periods occupied per week.

The student-station-periods occupied per week per full-time-equivalent student for instructional laboratories is determined in the same manner as that calculated for instructional classrooms. Column seven of Table 2 reveals that the average student-station-periods occupied per week per "day" FTE student for all institutions is 3.4 periods.

The square feet per student-station-period occupied is presented in the last column of Table 2. Examination of this column shows that the average for all institutions is 4.2 square feet. This figure is understandably higher than the average for instructional classrooms.

**TABLE 2 - SUMMARY OF LABORATORY UTILIZATION
(DAY CLASSES ONLY)**

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------------------|-----------------|----------------------------------|----------------------------------|----------------------------|---|--|---|---|
| Institution | Number of Rooms | Total Room-Periods Used Per Week | Average Room-Period Use Per Week | Number of Student Stations | Total Student-Station-Periods Occupied Per Week | Average Student-Station-Periods Per Station Per Week | Student-Station-Periods Occupied Per Week Per FTE Student | Square Feet Per Student-Station-Period Occupied |
| 4-Yr. Col. & Univ.: | | | | | | | | |
| Geo. Mason | 10 | 111 | 11.1 | 277 | 2,509 | 9.1 | 1.8 | 4.1 |
| Longwood | 38 | 173 | 4.6 | 916 | 3,326 | 3.6 | 1.8 | 6.2 |
| Madison | 51 | 408 | 8.0 | 732 | 8,304 | 11.3 | 2.5 | 3.4 |
| MWC | 34 | 219 | 6.4 | 728 | 3,601 | 4.9 | 1.7 | 7.0 |
| Norfolk State | 34 | 569 | 16.7 | 918 | 17,430 | 19.0 | 5.4 | 2.4 |
| Old Dominion | 71 | 800 | 11.3 | 1,372 | 15,712 | 11.5 | 2.9 | 3.6 |
| Radford | 19 | 240 | 12.6 | 393 | 4,893 | 12.5 | 1.5 | 3.0 |
| U. Va. | 142 | 922 | 6.5 | 2,693 | 25,641 | 9.5 | 3.0 | 4.5 |
| VCU | 100 | 1,338 | 13.4 | 1,943 | 29,551 | 15.2 | 5.8 | 2.5 |
| VMI | 59 | 194 | 3.3 | 1,704 | 4,438 | 2.6 | 3.2 | 16.3 |
| VPI | 158 | 1,163 | 7.4 | 3,146 | 29,904 | 9.5 | 2.8 | 5.8 |
| Va. State | 100 | 838 | 8.4 | 1,888 | 11,788 | 6.2 | 5.1 | 5.5 |
| Wm. & Mary | 117 | 391 | 3.3 | 1,336 | 12,847 | 9.6 | 3.2 | 4.5 |
| 4-Yr. Col. & Univ. | 933 | 7,366 | 7.9 | 18,046 | 169,944 | 9.4 | 3.2 | 4.4 |
| Community Col.: | | | | | | | | |
| Blue Ridge CC | 6 | 115 | 19.2 | 152 | 2,221 | 14.6 | 3.4 | 2.1 |
| Central Va. CC | 16 | 197 | 12.3 | 360 | 3,516 | 9.8 | 5.9 | 4.5 |
| D. Lancaster CC | 5 | 119 | 23.8 | 129 | 1,773 | 13.7 | 6.9 | 3.0 |
| Danville CC | 24 | 392 | 16.3 | 615 | 8,407 | 13.7 | 9.0 | 4.1 |
| Frederick CC | 13 | 109 | 8.4 | 303 | 1,695 | 5.6 | 3.7 | 4.7 |
| John Tyler CC | 9 | 177 | 19.7 | 197 | 3,033 | 15.4 | 2.9 | 3.3 |
| Northern Va. CC | 9 | 278 | 30.9 | 244 | 5,905 | 24.2 | 4.6 | 1.7 |
| Southwest Va. CC | 4 | 88 | 22.0 | 96 | 1,846 | 19.2 | 3.2 | 2.0 |
| T. Nelson CC | 10 | 154 | 15.4 | 280 | 3,215 | 11.5 | 3.8 | 2.6 |
| Va. Western CC | 18 | 283 | 15.7 | 279 | 5,510 | 19.7 | 5.1 | 2.3 |
| Wytheville CC | 5 | 111 | 22.2 | 147 | 2,509 | 17.1 | 4.3 | 1.8 |
| Community Col. | 119 | 2,023 | 17.0 | 2,802 | 39,630 | 14.1 | 4.8 | 3.0 |
| 2-Yr. Branch Col.: | | | | | | | | |
| C. Newport | 8 | 88 | 11.0 | 168 | 1,540 | 9.2 | 3.3 | 5.5 |
| Cl. Valley | 9 | 108 | 12.0 | 218 | 1,903 | 8.7 | 3.1 | 4.7 |
| E. Shore | 3 | 6 | 2.0 | 58 | 122 | 2.1 | 1.7 | 10.9 |
| Pat. Henry | 1 | 19 | 19.0 | 24 | 326 | 13.6 | 2.7 | 2.1 |
| R. Bland | 14 | 193 | 13.8 | 325 | 1,771 | 5.4 | 4.2 | 7.2 |
| 2-Yr. Branch Col. | 35 | 414 | 11.8 | 793 | 5,662 | 7.1 | 3.3 | 5.7 |
| All Institutions | 1,087 | 9,803 | 9.0 | 21,641 | 215,236 | 9.9 | 3.4 | 4.2 |

The utilization of physical education space by institution is depicted in Table 3. Column headings relating to the number of student stations which are found on Tables 1 and 2 have been omitted from Table 3. The reason for this omission is that, because of the nature of the space, the number of student stations for physical education space are not reported by the institutions.

The average room-period use per week shows that individual institutions ranged from a low of 4.7 periods at Virginia Military Institute to a high of 43.5 periods at Radford. The average for all institutions is 18.2 room-periods used per week. It should be noted that Frederick Community College, formerly a privately controlled institution, was donated to the Commonwealth of Virginia to become a community college in July, 1968.

The average student-station-periods occupied per week per "day" FTE student for all institutions is 0.6 periods.

Presented on the last column of Table 3 is the square feet per student-station-period occupied. It shows that the average for all institutions is 12.1 square feet.

**TABLE 3 - SUMMARY OF PHYSICAL EDUCATION UTILIZATION
(DAY CLASSES ONLY)**

| Institution | 1 Number of Rooms | 2 Total Room- Periods Used Per Week | 3 Average Room- Period Use Per Week | 4 Total Student-Station- Periods Occupied Per Week | 5 Student-Station-Periods Occupied Per Week Per FTE Student | 6 Square Feet Per Student-Station-Period Occupied |
|--------------------------------|----------------------------|--|--|---|--|--|
| <u>4-Yr. Col. & Univ.:</u> | | | | | | |
| Geo. Mason | 1 | 6 | 6.0 | 132 | 0.1 | 7.1 |
| Longwood | 2 | 64 | 32.0 | 1,548 | 0.9 | 5.4 |
| Madison | 4 | 144 | 36.0 | 3,376 | 1.0 | 4.3 |
| MWC | 6 | 180 | 30.0 | 2,849 | 1.3 | 4.9 |
| Norfolk State | 4 | 160 | 40.0 | 2,994 | 0.9 | 7.3 |
| Old Dominion | 5 | 166 | 33.2 | 7,355 | 1.4 | 1.9 |
| Radford | 2 | 87 | 43.5 | 1,905 | 0.6 | 7.1 |
| U. Va. | 12 | 95 | 7.9 | 3,058 | 0.4 | 10.1 |
| VCU | 2 | 48 | 24.0 | 1,193 | 0.2 | 7.5 |
| VMI | 7 | 33 | 4.7 | 1,122 | 0.8 | 34.2 |
| VPI | 6 | 171 | 28.5 | 6,216 | 0.6 | 4.4 |
| Va. State | 4 | 79 | 19.8 | 1,589 | 0.7 | 15.7 |
| Wm. & Mary | 10 | 208 | 20.8 | 4,207 | 1.1 | 10.0 |
| 4-Yr. Col. & Univ. | 65 | 1,441 | 22.2 | 37,544 | 0.7 | 6.9 |
| <u>Community Col.:</u> | | | | | | |
| Blue Ridge CC | -- | -- | -- | -- | -- | -- |
| Central Va. CC | -- | -- | -- | -- | -- | -- |
| D. Lancaster CC | -- | -- | -- | -- | -- | -- |
| Danville CC | -- | -- | -- | -- | -- | -- |
| Frederick CC | 5 | 22 | 4.4 | 570 | 1.2 | 350.9 |
| John Tyler CC | -- | -- | -- | -- | -- | -- |
| Northern Va. CC | -- | -- | -- | -- | -- | -- |
| Southwest Va. CC | -- | -- | -- | -- | -- | -- |
| T. Nelson CC | -- | -- | -- | -- | -- | -- |
| Va. Western CC | -- | -- | -- | -- | -- | -- |
| Wytheville CC | -- | -- | -- | -- | -- | -- |
| Community Col. | 5 | 22 | 4.4 | 570 | 0.1 | 350.9 |
| <u>2-Yr. Branch Col.:</u> | | | | | | |
| C. Newport | 6 | 55 | 9.2 | 1,280 | 2.8 | 13.6 |
| Cl. Valley | 10 | 54 | 5.4 | 906 | 1.5 | 16.4 |
| E. Shore | -- | -- | -- | -- | -- | -- |
| Pat. Henry | -- | -- | -- | -- | -- | -- |
| R. Bland | 2 | 28 | 14.0 | 508 | 1.2 | 7.7 |
| 2-Yr. Branch Col. | 18 | 137 | 7.6 | 2,694 | 1.6 | 13.5 |
| All Institutions | 88 | 1,600 | 18.2 | 40,808 | 0.6 | 12.1 |

Presented in this section are tables which relate utilization data for evening classes only (5 p.m. to 11 p.m.) for each of the three types of instructional facilities. As explained in Section I, the data were derived from information obtained in a cross referencing of the resident classes taught with a room-by-room inventory for each institution. Classes which begin prior to 5 p.m. are day classes and comprise Section I of this report. They have been excluded from this section of the study. It should be noted that urban institutions have the opportunity to make greater use of their space in the evenings than those institutions which are not located in urban areas. This factor is reflected in the higher utilization figures in the evening for Old Dominion, VCU and the community colleges.

Table 4 presents a summary of classroom utilization for evening classes. The average room-period use ranges from a low of 0.1 per week to a high of 14.7 per week. The average for all institutions was 2.8 periods per week from 5 p.m. to 11 p.m.

Data relating to laboratory utilization of evening classes are presented in Table 5. The average room-period use for all institutions is 0.9 periods per week.

Table 6 presents the utilization of physical education space for each institution from 5 p.m. to 11 p.m. The average room-period use per week for all institutions is 0.6 periods.

SUMMARY UTILIZATION TABLES OF CLASSROOMS, LABORATORIES, AND PHYSICAL EDUCATION ROOMS— EVENING CLASSES ONLY

The image shows a document page with three vertical columns. The left column has a small 'E' near the top left. The middle column has a small, stylized mark near the bottom center. The right column is mostly blank. The image is heavily degraded with noise and artifacts.

**TABLE 4 - SUMMARY OF CLASSROOM UTILIZATION
(EVENING CLASSES ONLY)**

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------------------------|-----------------------|---|---|-------------------------------------|---|--|--|---|
| Institution | Number of Rooms | Total Room-Periods Used Per Week | Average Room-Period Use Per Week | Number of Student Stations | Total Student- Station-Periods Occupied Per Week | Average Student- Station-Periods Per Station Per Week | Per Cent of Station Use Per Week When Room in Use | Student-Station- Periods Occu- pied Per Week Per FTE Student |
| 4-Yr. Col. & Univ.: | | | | | | | | |
| Geo. Mason | 24 | 9 | 0.4 | 990 | 203 | 0.2 | 51.3 | 10.7 |
| Longwood | 65 | 26 | 0.4 | 3,072 | 541 | 0.3 | 65.3 | 18.0 |
| Madison | 64 | 108 | 1.7 | 2,449 | 2,469 | 1.0 | 59.3 | 14.8 |
| MWC | 65 | 8 | 0.1 | 2,442 | 215 | 0.1 | 88.0 | 11.3 |
| Norfolk State | 87 | 291 | 3.3 | 3,499 | 4,632 | 1.3 | 40.1 | 20.7 |
| Old Dominion | 99 | 805 | 8.1 | 4,063 | 15,312 | 3.8 | 46.5 | 14.0 |
| Radford | 77 | 84 | 1.1 | 2,621 | 1,886 | 0.7 | 65.4 | 10.8 |
| U. Va. | 171 | 157 | 0.9 | 8,625 | 2,668 | 0.3 | 34.4 | 7.6 |
| VCU | 89 | 782 | 8.8 | 3,579 | 18,814 | 5.3 | 59.7 | 13.1 |
| VMI | 80 | -- | -- | 3,597 | -- | -- | -- | -- |
| VPI | 155 | 28 | 0.2 | 6,861 | 455 | 0.1 | 33.2 | 10.1 |
| Va. State | 76 | 92 | 1.2 | 3,308 | 1,064 | 0.3 | 28.6 | 11.1 |
| Wm. & Mary | 96 | 174 | 1.8 | 4,776 | 3,345 | 0.7 | 38.9 | 12.1 |
| 4-Yr. Col. & Univ. | 1,148 | 2,564 | 2.2 | 48,882 | 51,604 | 1.1 | 48.0 | 13.1 |
| Community Col.: | | | | | | | | |
| Blue Ridge CC | 14 | 90 | 6.4 | 509 | 2,551 | 5.0 | 78.3 | 15.6 |
| Central Va. CC | 12 | 103 | 8.6 | 374 | 1,779 | 4.8 | 55.3 | 10.6 |
| D. Lancaster CC | 5 | 45 | 9.0 | 199 | 596 | 3.0 | 33.3 | 10.5 |
| Danville CC | 30 | 20 | 0.7 | 1,033 | 536 | 0.5 | 74.1 | 12.8 |
| Frederick CC | 26 | 61 | 2.3 | 598 | 578 | 1.0 | 42.0 | 11.6 |
| John Tyler CC | 22 | 173 | 7.9 | 719 | 3,125 | 4.3 | 55.0 | 16.2 |
| Northern Va. CC | 18 | 264 | 14.7 | 778 | 6,188 | 8.0 | 54.1 | 14.2 |
| Southwest Va. CC | 12 | 93 | 7.8 | 347 | 1,662 | 4.8 | 61.4 | 17.3 |
| T. Nelson CC | 15 | 68 | 4.5 | 479 | 1,842 | 3.8 | 85.5 | 18.2 |
| Va. Western CC | 16 | 138 | 8.6 | 485 | 3,292 | 6.8 | 78.9 | 14.6 |
| Wytheville CC | 8 | 44 | 5.5 | 402 | 607 | 1.5 | 27.5 | 12.4 |
| Community Col. | 178 | 1,099 | 6.2 | 5,923 | 22,756 | 3.8 | 62.0 | 14.4 |
| 2-Yr. Branch Col.: | | | | | | | | |
| C. Newport | 20 | 95 | 4.8 | 1,087 | 2,552 | 2.3 | 48.9 | 18.6 |
| Cl. Valley | 15 | 4 | 0.3 | 668 | 97 | 0.1 | 48.4 | 13.9 |
| E. Shore | 14 | 30 | 2.1 | 244 | 532 | 2.2 | 103.8 | 15.2 |
| Pat. Henry | 5 | 42 | 8.4 | 177 | 757 | 4.3 | 50.9 | 13.8 |
| R. Bland | 22 | 27 | 1.2 | 896 | 503 | 0.6 | 46.8 | 18.0 |
| 2-Yr. Branch Col. | 76 | 198 | 2.6 | 3,072 | 4,441 | 1.4 | 55.6 | 17.0 |
| All Institutions | 1,402 | 3,861 | 2.8 | 57,877 | 78,801 | 1.4 | 48.6 | 13.6 |

**TABLE 5 - SUMMARY OF LABORATORY UTILIZATION
(EVENING CLASSES ONLY)**

| Institution | 1 Number of Rooms | 2 Total Room-Periods Used Per Week | 3 Average Room-Period Use Per Week | 4 Number of Student Stations | 5 Total Student- Station-Periods Occupied Per Week | 6 Average Student- Station-Periods Per Station Per Week | 7 Student-Station- Periods Occu- pied Per Week Per FTE Student |
|--------------------------------|----------------------------|--|--|--|--|---|--|
| 4-Yr. Col. & Univ.: | | | | | | | |
| Geo. Mason | 10 | 8 | 0.8 | 277 | 173 | 0.6 | 9.1 |
| Longwood | 38 | -- | -- | 916 | -- | -- | -- |
| Madison | 51 | 5 | 0.1 | 732 | 98 | 0.1 | 0.6 |
| MWC | 34 | 7 | 0.2 | 728 | 143 | 0.2 | 7.5 |
| Norfolk State | 34 | 28 | 0.8 | 918 | 285 | 0.3 | 1.3 |
| Old Dominion | 71 | 97 | 1.4 | 1,372 | 2,190 | 1.6 | 2.0 |
| Radford | 19 | 41 | 2.2 | 393 | 1,107 | 2.8 | 6.4 |
| U. Va. | 142 | 33 | 0.2 | 2,693 | 869 | 0.3 | 2.5 |
| VCU | 100 | 278 | 2.8 | 1,943 | 4,717 | 2.4 | 3.3 |
| VMI | 59 | -- | -- | 1,704 | -- | -- | -- |
| VPI | 158 | 17 | 0.1 | 3,146 | 601 | 0.2 | 13.4 |
| Va. State | 100 | 30 | 0.3 | 1,888 | 799 | 0.4 | 8.3 |
| Wm. & Mary | 117 | 3 | 0.0 | 1,336 | 156 | 0.1 | 0.6 |
| 4-Yr. Col. & Univ. | 933 | 547 | 0.6 | 18,046 | 11,138 | 0.6 | 2.8 |
| Community Col.: | | | | | | | |
| Blue Ridge CC | 6 | 42 | 7.0 | 152 | 514 | 3.4 | 3.1 |
| Central Va. CC | 16 | 59 | 3.7 | 360 | 930 | 2.6 | 5.5 |
| D. Lancaster CC | 5 | 35 | 7.0 | 129 | 570 | 4.4 | 10.0 |
| Danville CC | 24 | 19 | 0.8 | 615 | 504 | 0.8 | 12.0 |
| Frederick CC | 13 | 12 | 0.9 | 303 | 108 | 0.4 | 2.2 |
| John Tyler CC | 9 | 52 | 5.8 | 197 | 686 | 3.5 | 3.6 |
| Northern Va. CC | 9 | 127 | 14.1 | 244 | 1,856 | 7.6 | 4.3 |
| Southwest Va. CC | 4 | 3 | 0.8 | 96 | 51 | 0.5 | 0.5 |
| T. Nelson CC | 10 | 12 | 1.2 | 280 | 230 | 0.8 | 2.3 |
| Va. Western CC | 18 | 51 | 2.8 | 279 | 922 | 3.3 | 4.1 |
| Wytheville CC | 5 | 9 | 1.8 | 147 | 164 | 1.1 | 3.3 |
| Community Col. | 119 | 421 | 3.5 | 2,802 | 6,535 | 2.3 | 4.1 |
| 2-Yr. Branch Col.: | | | | | | | |
| C. Newport | 8 | 11 | 1.4 | 168 | 231 | 1.4 | 1.7 |
| Cl. Valley | 9 | -- | -- | 218 | -- | -- | -- |
| E. Shore | 3 | 3 | 1.0 | 58 | 90 | 1.6 | 2.6 |
| Pat. Henry | 1 | 9 | 9.0 | 24 | 164 | 6.8 | 3.0 |
| R. Bland | 14 | 3 | 0.2 | 325 | 40 | 0.1 | 1.4 |
| 2-Yr. Branch Col. | 35 | 26 | 0.7 | 793 | 525 | 0.7 | 2.0 |
| All Institutions | 1,087 | 994 | 0.9 | 21,641 | 18,198 | 0.8 | 3.1 |

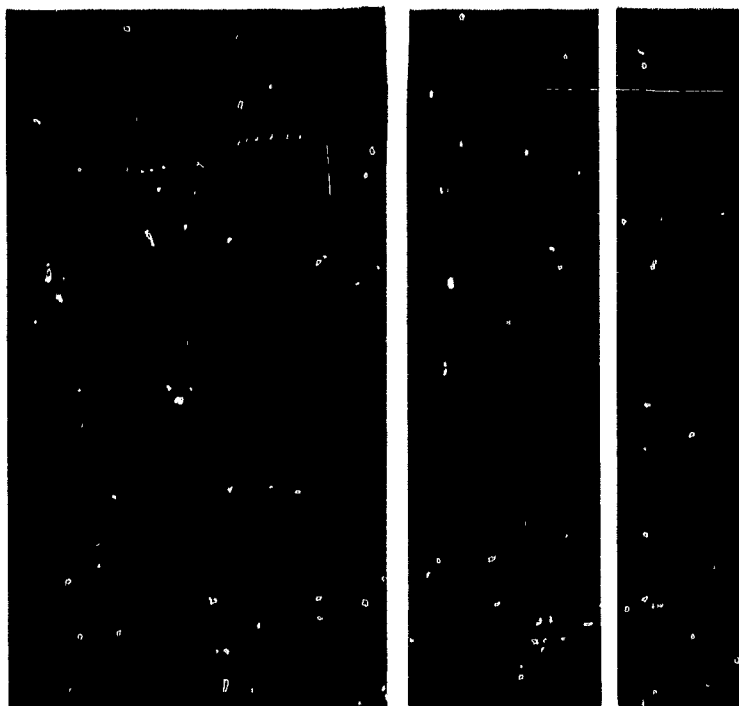
**TABLE 6 - SUMMARY OF PHYSICAL EDUCATION ROOM UTILIZATION
(EVENING CLASSES ONLY)**

| Institution | 1 Number of Rooms | 2 Total Room- Periods Used Per Week | 3 Average Room- Period Use Per Week | 4 Total Student-Station- Periods Occupied Per Week | 5 Student-Station-Periods Occupied Per Week Per FTE Student |
|--------------------------------|----------------------------|--|--|---|--|
| 4-Yr. Col. & Univ.: | | | | | |
| Geo. Mason | 1 | -- | -- | -- | -- |
| Longwood | 2 | -- | -- | -- | -- |
| Madison | 4 | 2 | 0.5 | 53 | 0.3 |
| MWC | 6 | -- | -- | -- | -- |
| Norfolk State | 4 | 3 | 0.8 | 3 | 0.0 |
| Old Dom. | 5 | 16 | 3.2 | 427 | 0.4 |
| Radford | 2 | 12 | 6.0 | 407 | 2.3 |
| U. Va. | 12 | 9 | 0.8 | 72 | 0.2 |
| VCU | 2 | 12 | 6.0 | 129 | 0.1 |
| VMI | 7 | -- | -- | -- | -- |
| VPI | 6 | -- | -- | -- | -- |
| Va. State | 4 | -- | -- | -- | -- |
| Wm. & Mary | 10 | -- | -- | -- | -- |
| 4-Yr. Col. & Univ. | 65 | 54 | 0.8 | 1,091 | 0.3 |
| Community Col.: | | | | | |
| Blue Ridge CC | -- | -- | -- | -- | -- |
| Central Va. CC | -- | -- | -- | -- | -- |
| D. Lancaster CC | -- | -- | -- | -- | -- |
| Danville CC | -- | -- | -- | -- | -- |
| Frederick CC | 5 | 3 | 0.6 | 93 | 1.9 |
| John Tyler CC | -- | -- | -- | -- | -- |
| Northern Va. CC | -- | -- | -- | -- | -- |
| Southwest Va. CC | -- | -- | -- | -- | -- |
| T. Nelson CC | -- | -- | -- | -- | -- |
| Va. Western CC | -- | -- | -- | -- | -- |
| Wytheville CC | -- | -- | -- | -- | -- |
| Community Col. | 5 | 3 | 0.6 | 93 | 0.1 |
| 2-Yr. Branch Col.: | | | | | |
| C. Newport | 6 | -- | -- | -- | -- |
| Cl. Valley | 10 | -- | -- | -- | -- |
| E. Shore | -- | -- | -- | -- | -- |
| Pat. Henry | -- | -- | -- | -- | -- |
| R. Bland | 2 | -- | -- | -- | -- |
| 2-Yr. Branch Col. | 18 | -- | -- | -- | -- |
| All Institutions | 88 | 57 | 0.6 | 1,184 | 0.2 |

This section presents tables which summarize the utilization of classrooms, laboratories and physical education rooms for the fall semester or quarter 1967 and the fall semester or quarter 1968. The data which appear in these tables reflect the utilization of space by day classes only (7 a.m. to 5 p.m.). All evening class data have been excluded from this section.

The data for Virginia Commonwealth University represent the General Academic Division only. The Health Sciences Division was omitted in both the 1967 and 1968 reports. Also excluded from the 1967 report were six community colleges which did not begin operation until Fall 1968. This reflected when comparing the total figures of the community colleges for Fall 1967 and Fall 1968. Further, a 2-year branch college merged with the Danville Community College July 1, 1968, and, therefore, the 1968 total figures for the 2-year branch colleges do not include this institution.

**COMPARISON OF SUMMARY UTILIZATION
DATA OF CLASSROOMS, LABORATORIES,
AND PHYSICAL EDUCATION ROOMS
FOR FALL 1967, AND 1968—
DAY CLASSES ONLY**



**TABLE 7 - COMPARISON OF SUMMARY OF CLASSROOM UTILIZATION DATA FOR FALL 1967 AND FALL 1968
(DAY CLASSES ONLY)**

| Institution | 1 Number of Rooms | | 2 Total Room-Periods Used Per Week | | 3 Average Room-Period Use Per Week | | 4 Number of Student Stations | | 5 Total Student- Station-Periods Occupied Per Week | | 6 Average Student- Station-Periods Per Station Per Week | | 7 Per Cent of Station Use Per Week When Room in Use | | 8 Student-Station- Periods Occu- pied Per Week Per FTE Student | | 9 Square Feet Per Student- Station-Period Occupied | |
|--------------------------------|----------------------------|--------------|--|---------------|--|-------------|--|---------------|--|----------------|---|-------------|---|-------------|--|-------------|--|------------|
| | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 |
| 4-Yr. Col. & Univ.: | | | | | | | | | | | | | | | | | | |
| Geo. Mason | 23 | 24 | 595 | 815 | 25.9 | 34.0 | 1,459 | 990 | 14,556 | 19,309 | 10.0 | 19.5 | 38.5 | 57.4 | 13.7 | 14.2 | 1.5 | 0.7 |
| Longwood | 73 | 65 | 968 | 1,088 | 13.3 | 16.7 | 2,299 | 2,072 | 22,093 | 24,583 | 9.6 | 11.9 | 72.3 | 71.3 | 12.5 | 13.5 | 2.0 | 1.6 |
| Madison | 75 | 64 | 1,136 | 1,409 | 15.1 | 22.0 | 2,756 | 2,449 | 30,052 | 35,812 | 10.9 | 14.6 | 72.2 | 66.4 | 10.4 | 10.8 | 1.9 | 1.3 |
| MWC | 67 | 65 | 1,750 | 1,885 | 26.1 | 29.0 | 2,558 | 2,442 | 30,818 | 30,407 | 12.0 | 12.5 | 46.2 | 43.1 | 13.5 | 14.1 | 1.7 | 1.4 |
| Norfolk State | 82 | 87 | 1,867 | 2,274 | 22.8 | 26.1 | 3,309 | 3,499 | 43,981 | 47,431 | 13.3 | 13.6 | 58.3 | 52.1 | 14.9 | 14.6 | 1.2 | 1.2 |
| Old Dominion | 98 | 99 | 2,263 | 2,495 | 23.1 | 25.2 | 4,799 | 4,063 | 65,455 | 67,429 | 13.6 | 16.6 | 59.0 | 65.9 | 12.5 | 12.6 | 1.0 | 1.0 |
| Radford | 68 | 77 | 1,526 | 1,611 | 22.4 | 20.9 | 2,086 | 2,621 | 40,097 | 39,940 | 19.2 | 15.2 | 85.8 | 72.7 | 11.9 | 11.9 | 1.1 | 1.3 |
| U. Va. | 148 | 171 | 2,756 | 3,581 | 18.6 | 20.9 | 7,413 | 8,625 | 83,144 | 96,899 | 11.2 | 11.2 | 60.3 | 53.6 | 10.4 | 11.4 | 1.4 | 1.4 |
| VCU | 84 | 89 | 1,545 | 2,069 | 18.4 | 23.2 | 3,552 | 3,579 | 43,656 | 55,096 | 12.3 | 15.4 | 66.8 | 66.4 | 8.3 | 10.8 | 1.2 | 1.0 |
| VMI | 77 | 80 | 880 | 1,020 | 11.4 | 12.8 | 3,561 | 3,597 | 18,162 | 19,325 | 5.1 | 5.4 | 44.7 | 42.2 | 12.8 | 13.8 | 3.4 | 3.3 |
| VPI | 149 | 155 | 3,601 | 4,108 | 24.2 | 26.5 | 6,684 | 6,861 | 120,522 | 135,306 | 18.0 | 19.7 | 74.5 | 74.3 | 12.3 | 12.5 | 0.9 | 0.8 |
| Va. State | 83 | 76 | 1,227 | 1,227 | 14.8 | 16 | 3,568 | 3,308 | 24,801 | 25,867 | 7.0 | 7.8 | 47.0 | 48.4 | 12.4 | 11.1 | 2.4 | 2.1 |
| Wm. & Mary | 94 | 96 | 1,720 | 1,870 | 18.3 | 19.5 | 4,461 | 4,776 | 42,754 | 43,028 | 9.6 | 9.0 | 52.4 | 46.2 | 11.4 | 10.8 | 1.7 | 1.8 |
| 4-Yr. Col. & Univ. | 1,121 | 1,148 | 21,834 | 25,452 | 19.5 | 22.2 | 48,505 | 48,882 | 580,091 | 640,432 | 12.0 | 13.1 | 61.3 | 59.0 | 11.6 | 12.1 | 1.4 | 1.3 |
| Community Col.: | | | | | | | | | | | | | | | | | | |
| Blue Ridge CC | 14 | 14 | 260 | 360 | 18.6 | 25.7 | 509 | 509 | 8,215 | 10,547 | 16.1 | 20.7 | 86.8 | 80.5 | 13.8 | 16.4 | 1.1 | 0.9 |
| Central Va. CC | -- | 12 | -- | 290 | -- | 24.2 | -- | 374 | -- | 5,993 | -- | 16.0 | -- | 66.1 | -- | 10.1 | -- | 1.1 |
| D. Lancaster CC | 4 | 5 | 125 | 168 | 31.3 | 33.6 | 164 | 199 | 2,203 | 2,764 | 13.4 | 13.9 | 42.9 | 41.4 | 11.3 | 10.8 | 1.4 | 1.3 |
| Danville CC | -- | 30 | -- | 432 | -- | 14.4 | -- | 1,033 | -- | 10,661 | -- | 10.3 | -- | 71.5 | -- | 12.0 | -- | 2.1 |
| Frederick CC | -- | 26 | -- | 410 | -- | 15.6 | -- | 598 | -- | 4,992 | -- | 8.3 | -- | 52.8 | -- | 10.9 | -- | 3.3 |
| John Tyler CC | 18 | 22 | 474 | 659 | 26.3 | 30.0 | 633 | 719 | 11,263 | 15,484 | 17.8 | 21.5 | 67.7 | 71.7 | 14.2 | 14.7 | 1.0 | 0.9 |
| Northern Va. CC | 18 | 18 | 268 | 616 | 14.9 | 34.2 | 749 | 778 | 6,670 | 16,209 | 8.9 | 20.8 | 59.8 | 60.8 | 4.4 | 12.7 | 2.2 | 0.8 |
| Southwest Va. CC | -- | 12 | -- | 412 | -- | 34.3 | -- | 347 | -- | 7,654 | -- | 22.1 | -- | 64.4 | -- | 13.4 | -- | 0.9 |
| T. Nelson CC | -- | 15 | -- | 417 | -- | 27.8 | -- | 479 | -- | 9,124 | -- | 19.0 | -- | 68.3 | -- | 10.7 | -- | 1.1 |
| Va. Western CC | 16 | 16 | 489 | 649 | 30.6 | 40.6 | 472 | 485 | 12,047 | 14,287 | 25.5 | 29.5 | 83.4 | 72.7 | 11.7 | 13.3 | 0.7 | 0.6 |
| Wytheville CC | -- | 8 | -- | 208 | -- | 26.0 | -- | 402 | -- | 5,589 | -- | 13.9 | -- | 53.5 | -- | 14.9 | -- | 1.0 |
| Community Col. | 70 | 178 | 1,616 | 4,621 | 23.1 | 26.0 | 2,527 | 5,923 | 40,398 | 103,304 | 16.0 | 17.4 | 69.2 | 67.0 | 9.8 | 12.9 | 1.2 | 1.1 |
| 2-Yr. Branch Col.: | | | | | | | | | | | | | | | | | | |
| C. Newport | 16 | 20 | 278 | 338 | 17.4 | 16.9 | 988 | 1,087 | 7,148 | 7,991 | 7.2 | 7.4 | 41.6 | 43.8 | 13.9 | 17.2 | 2.0 | 2.2 |
| Cl. Valley | 12 | 15 | 346 | 560 | 28.8 | 37.3 | 573 | 668 | 7,071 | 8,586 | 12.3 | 12.9 | 42.8 | 34.6 | 14.3 | 13.8 | 1.2 | 1.3 |
| Danville | 7 | -- | 128 | -- | 18.3 | -- | 335 | -- | 3,592 | -- | 10.7 | -- | 58.6 | -- | 10.9 | -- | 1.8 | -- |
| E. Shore | 14 | 14 | 44 | 87 | 3.1 | 6.2 | 234 | 244 | 521 | 1,217 | 2.2 | 5.0 | 71.8 | 80.6 | 9.1 | 16.9 | 7.0 | 3.1 |
| Pat. Henry | 7 | 5 | 112 | 146 | 16.0 | 29.2 | 210 | 177 | 2,230 | 1,896 | 10.6 | 10.7 | 66.4 | 36.6 | 18.3 | 15.9 | 1.6 | 1.7 |
| R. Bland | 9 | 22 | 277 | 595 | 30.8 | 27.0 | 357 | 896 | 5,407 | 6,827 | 15.1 | 7.6 | 49.2 | 28.1 | 11.1 | 16.1 | 1.3 | 2.5 |
| 2-Yr. Branch Col. | 65 | 76 | 1,185 | 1,726 | 18.2 | 22.7 | 2,697 | 3,072 | 25,969 | 26,517 | 9.6 | 8.6 | 52.9 | 37.9 | 13.0 | 15.8 | 1.7 | 2.0 |
| All Institutions | 1,256 | 1,402 | 24,635 | 31,799 | 19.6 | 22.7 | 53,729 | 57,877 | 646,458 | 770,253 | 12.0 | 13.3 | 61.4 | 58.6 | 11.6 | 12.3 | 1.4 | 1.3 |

**TABLE 8 - COMPARISON OF SUMMARY OF LABORATORY UTILIZATION DATA FOR FALL 1967 AND FALL 1968
(DAY CLASSES ONLY)**

| Institution | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | |
|--------------------------------|-----------------|--------------|----------------------------------|--------------|----------------------------------|-------------|----------------------------|---------------|---|----------------|--|-------------|--|------------|---|------------|
| | Number of Rooms | | Total Room Periods Used Per Week | | Average Room-Period Use Per Week | | Number of Student Stations | | Total Student-Station-Periods Occupied Per Week | | Average Student-Station-Periods Per Station Per Week | | Student-Station-Periods Occupied Per FTE Student | | Square Feet Per Student-Station-Period Occupied | |
| | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 |
| 4-Yr. Col. & Univ.: | | | | | | | | | | | | | | | | |
| Geo. Mason | 6 | 10 | 120 | 111 | 20.0 | 11.1 | 166 | 277 | 2,193 | 2,509 | 13.2 | 9.1 | 2.1 | 1.8 | 2.7 | 4.1 |
| Longwood | 36 | 38 | 221 | 173 | 6.1 | 4.6 | 890 | 916 | 4,520 | 3,326 | 5.1 | 3.6 | 2.5 | 1.8 | 4.5 | 6.2 |
| Madison | 52 | 51 | 434 | 408 | 8.3 | 8.0 | 768 | 732 | 9,186 | 8,304 | 12.0 | 11.3 | 3.2 | 2.5 | 3.3 | 3.4 |
| MWC | 39 | 34 | 351 | 219 | 9.0 | 6.4 | 773 | 728 | 4,633 | 3,601 | 6.0 | 4.9 | 2.0 | 1.7 | 6.0 | 7.0 |
| Norfolk State | 40 | 34 | 649 | 569 | 16.2 | 16.7 | 1,093 | 918 | 14,173 | 17,430 | 13.0 | 19.0 | 4.8 | 5.4 | 3.2 | 2.4 |
| Old Dominion | 85 | 71 | 842 | 800 | 9.9 | 11.3 | 1,502 | 1,372 | 18,166 | 15,712 | 12.1 | 11.5 | 3.5 | 2.9 | 3.7 | 3.6 |
| Radford | 22 | 19 | 294 | 240 | 13.4 | 12.6 | 455 | 393 | 5,737 | 4,893 | 12.6 | 12.5 | 1.7 | 1.5 | 3.1 | 3.0 |
| U. Va. | 137 | 142 | 690 | 922 | 5.0 | 6.5 | 2,557 | 2,693 | 19,141 | 25,641 | 7.5 | 9.5 | 2.4 | 3.0 | 5.3 | 4.5 |
| VCU | 119 | 100 | 1,365 | 1,338 | 11.5 | 13.4 | 2,744 | 1,943 | 29,061 | 29,551 | 10.6 | 15.2 | 5.5 | 5.8 | 2.9 | 2.5 |
| VMI | 48 | 59 | 233 | 194 | 4.9 | 3.3 | 1,589 | 1,704 | 4,964 | 4,438 | 3.1 | 2.6 | 3.5 | 3.2 | 11.9 | 16.3 |
| VPI | 171 | 158 | 1,544 | 1,163 | 9.0 | 7.4 | 3,235 | 3,146 | 40,762 | 29,904 | 12.6 | 9.5 | 4.2 | 2.8 | 4.4 | 5.8 |
| Va. State | 102 | 100 | 870 | 838 | 8.5 | 8.4 | 1,893 | 1,888 | 11,829 | 11,788 | 6.3 | 6.2 | 5.9 | 5.1 | 5.6 | 5.5 |
| Wm. & Mary | 65 | 117 | 374 | 391 | 5.8 | 3.3 | 780 | 1,336 | 8,438 | 12,847 | 10.8 | 9.6 | 2.2 | 3.2 | 4.0 | 4.5 |
| 4-Yr. Col. & Univ. | 922 | 933 | 7,987 | 7,366 | 8.7 | 7.9 | 18,445 | 18,046 | 172,803 | 169,944 | 9.4 | 9.4 | 3.5 | 3.2 | 4.3 | 4.4 |
| Community Col.: | | | | | | | | | | | | | | | | |
| Blue Ridge CC | 6 | 6 | 36 | 115 | 6.0 | 19.2 | | 152 | 782 | 2,221 | 5.1 | 14.6 | 1.3 | 3.4 | 6.1 | 2.1 |
| Central Va. CC | -- | 16 | -- | 197 | -- | 12.3 | -- | 360 | -- | 3,516 | -- | 9.8 | -- | 5.9 | -- | 4.5 |
| D. Lancaster CC | 5 | 5 | 117 | 119 | 23.4 | 23.8 | 129 | 129 | 1,661 | 1,773 | 12.9 | 13.7 | 8.5 | 6.9 | 3.2 | 3.0 |
| Danville CC | -- | 24 | -- | 392 | -- | 16.3 | -- | 615 | -- | 8,407 | -- | 13.7 | -- | 9.0 | -- | 4.1 |
| Frederick CC | -- | 13 | -- | 109 | -- | 8.4 | -- | 303 | -- | 1,695 | -- | 5.6 | -- | 3.7 | -- | 4.7 |
| John Tyler CC | 13 | 9 | 218 | 177 | 16.8 | 19.7 | 283 | 197 | 3,176 | 3,033 | 11.2 | 15.4 | 4.0 | 2.9 | 4.0 | 3.3 |
| Northern Va. CC | 8 | 9 | 96 | 278 | 12.0 | 30.9 | 229 | 244 | 2,309 | 5,905 | 10.1 | 24.2 | 1.5 | 4.6 | 3.7 | 1.7 |
| Southwest Va. CC | -- | 4 | -- | 88 | -- | 22.0 | -- | 96 | -- | 1,846 | -- | 19.2 | -- | 3.2 | -- | 2.0 |
| T. Nelson CC | -- | 10 | -- | 154 | -- | 15.4 | -- | 280 | -- | 3,215 | -- | 11.5 | -- | 3.8 | -- | 2.6 |
| Va. Western CC | 19 | 18 | 319 | 283 | 16.8 | 15.7 | 292 | 279 | 6,158 | 5,510 | 21.1 | 19.7 | 6.0 | 5.1 | 2.1 | 2.3 |
| Wytheville CC | -- | 5 | -- | 111 | -- | 22.2 | -- | 147 | -- | 2,509 | -- | 17.1 | -- | 4.3 | -- | 1.8 |
| Community Col. | 51 | 119 | 786 | 2,023 | 15.4 | 17.0 | 1,085 | 2,802 | 14,086 | 39,630 | 13.0 | 14.1 | 3.4 | 4.8 | 3.1 | 3.0 |
| 2-Yr. Branch Col.: | | | | | | | | | | | | | | | | |
| C. Newport | 9 | 8 | 89 | 88 | 9.9 | 11.0 | 192 | 168 | 1,764 | 1,540 | 9.2 | 9.2 | 3.4 | 3.3 | 5.4 | 5.5 |
| Cl. Valley | 12 | 9 | 107 | 108 | 8.9 | 12.0 | 307 | 218 | 2,197 | 1,903 | 7.2 | 8.7 | 4.5 | 3.1 | 5.3 | 4.7 |
| Danville | 5 | -- | 87 | -- | 17.4 | -- | 186 | -- | 2,186 | -- | 11.8 | -- | 6.6 | -- | 2.9 | -- |
| E. Shore | 8 | 3 | 12 | 6 | 4.0 | 2.0 | 32 | 58 | 126 | 122 | 3.9 | 2.1 | 2.2 | 1.7 | 6.6 | 10.9 |
| Pat. Henry | 1 | 1 | 30 | 19 | 30.0 | 19.0 | 24 | 24 | 526 | 326 | 21.9 | 13.6 | 4.3 | 2.7 | 1.3 | 2.1 |
| R. Bland | 11 | 14 | 238 | 193 | 21.6 | 13.8 | 251 | 325 | 3,119 | 1,771 | 12.4 | 5.4 | 6.4 | 4.2 | 2.8 | 7.2 |
| 2-Yr. Branch Col. | 41 | 35 | 563 | 414 | 13.7 | 11.8 | 992 | 793 | 9,918 | 5,662 | 10.0 | 7.1 | 5.0 | 3.3 | 3.8 | 5.7 |
| All Institutions | 1,014 | 1,087 | 9,336 | 9,803 | 9.2 | 9.0 | 20,522 | 21,641 | 196,807 | 215,236 | 9.6 | 9.9 | 3.5 | 3.4 | 4.2 | 4.2 |

**TABLE 9 - COMPARISON OF SUMMARY OF PHYSICAL EDUCATION ROOM UTILIZATION DATA FOR FALL 1967 AND FALL 1968
(DAY CLASSES ONLY)**

| Institution | 1 Number of Rooms | | 2 Total Room- Periods Used Per Week | | 3 Average Room- Period Use Per Week | | 4 Total Student-Station- Periods Occupied Per Week | | 5 Student-Station-Periods Occupied Per Week Per FTE Student | | 6 Square Feet Per Student-Station-Period Occupied | |
|--------------------------------|----------------------------|-----------|--|--------------|--|-------------|---|---------------|--|------------|--|--------------|
| | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 |
| | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 | 1967 | 1968 |
| 4-Yr. Col. & Univ.: | | | | | | | | | | | | |
| Geo. Mason | 1 | 1 | 8 | 6 | 8.0 | 6.0 | 122 | 132 | 0.1 | 0.1 | 8.2 | 7.1 |
| Longwood | 5 | 2 | 71 | 64 | 14.2 | 32.0 | 1,428 | 1,548 | 0.8 | 0.9 | 6.4 | 5.4 |
| Madison | 3 | 4 | 132 | 144 | 44.0 | 36.0 | 4,247 | 3,376 | 1.5 | 1.0 | 2.8 | 4.3 |
| MWC | 7 | 6 | 67 | 180 | 9.6 | 30.0 | 2,817 | 2,849 | 1.2 | 1.3 | 5.2 | 4.9 |
| Norfolk State | 2 | 4 | 55 | 160 | 27.5 | 40.0 | 1,803 | 2,994 | 0.6 | 0.9 | 10.3 | 7.3 |
| Old Dominion | 7 | 5 | 98 | 166 | 14.0 | 33.2 | 5,252 | 7,355 | 1.0 | 1.4 | 3.0 | 1.9 |
| Radford | 3 | 2 | 119 | 87 | 39.7 | 43.5 | 2,578 | 1,905 | 0.8 | 0.6 | 5.8 | 7.1 |
| U. Va. | 11 | 12 | 117 | 95 | 10.6 | 7.9 | 2,074 | 3,058 | 0.3 | 0.4 | 14.8 | 10.1 |
| VCU | 3 | 2 | 64 | 48 | 21.3 | 24.0 | 2,060 | 1,193 | 0.4 | 0.2 | 4.7 | 7.5 |
| VMI | 6 | 7 | 45 | 33 | 7.5 | 4.7 | 1,051 | 1,122 | 0.7 | 0.8 | 31.2 | 34.2 |
| VPI | 6 | 6 | 126 | 171 | 21.0 | 28.5 | 5,407 | 6,216 | 0.6 | 0.6 | 5.0 | 4.4 |
| Va. State | 4 | 4 | 74 | 79 | 18.5 | 19.8 | 1,657 | 1,589 | 0.8 | 0.7 | 15.0 | 15.7 |
| Wm. & Mary | 10 | 10 | 209 | 208 | 20.9 | 20.8 | 4,667 | 4,207 | 1.2 | 1.1 | 9.0 | 10.0 |
| 4-Yr. Col. & Univ. | 68 | 65 | 1,185 | 1,441 | 17.4 | 22.2 | 35,163 | 37,544 | 0.7 | 0.7 | 7.2 | 6.9 |
| Community Col.: | | | | | | | | | | | | |
| Blue Ridge CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Central Va. CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| D. Lancaster CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Danville CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Frederick CC | -- | 5 | -- | 22 | -- | 4.4 | -- | 570 | -- | 1.2 | -- | 350.9 |
| John Tyler CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Northern Va. CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Southwest Va. CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| T. Nelson CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Va. Western CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Wytheville CC | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Community Col. | -- | 5 | -- | 22 | -- | 4.4 | -- | 570 | -- | 0.1 | -- | 350.9 |
| Yr. Branch Col.: | | | | | | | | | | | | |
| C. Newport | 4 | 6 | 53 | 55 | 13.3 | 9.2 | 1,248 | 1,280 | 2.4 | 2.8 | 13.6 | 13.6 |
| Cl. Valley | 5 | 10 | 40 | 54 | 8.0 | 5.4 | 643 | 906 | 1.3 | 1.5 | 7.8 | 16.4 |
| Danville | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| E. Shore | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Pat. Henry | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| R. Bland | 2 | 2 | 32 | 28 | 16.0 | 14.0 | 432 | 508 | 0.9 | 1.2 | 9.0 | 7.7 |
| Yr. Branch Col. | 11 | 18 | 125 | 137 | 11.4 | 7.6 | 2,323 | 2,694 | 1.6 | 1.6 | 11.1 | 13.5 |
| Institutions | 79 | 88 | 1,310 | 1,600 | 16.6 | 18.2 | 37,486 | 40,808 | 0.7 | 0.6 | 7.4 | 12.1 |